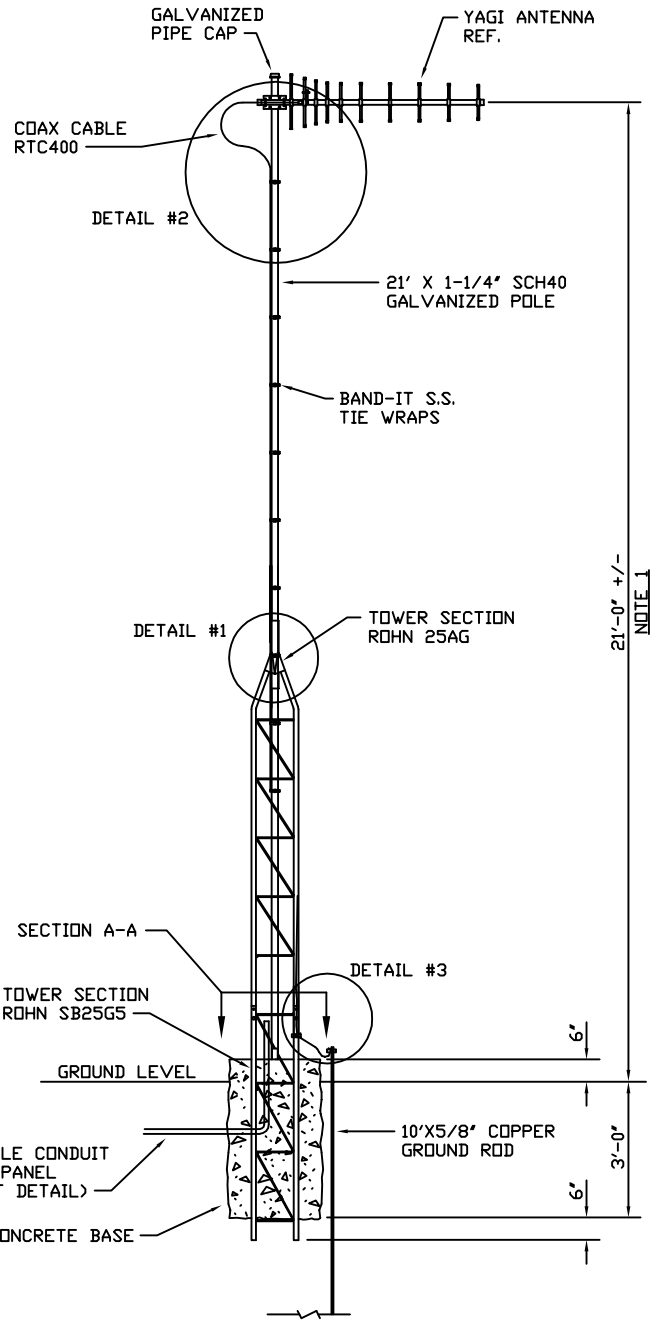
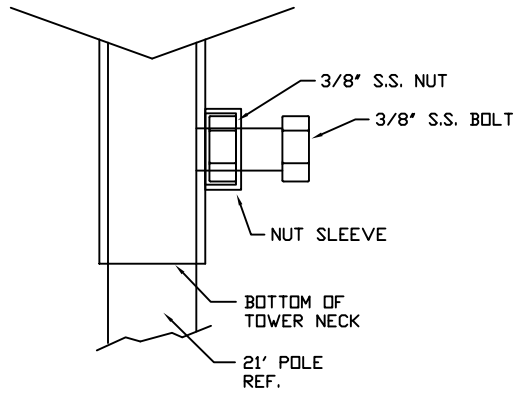
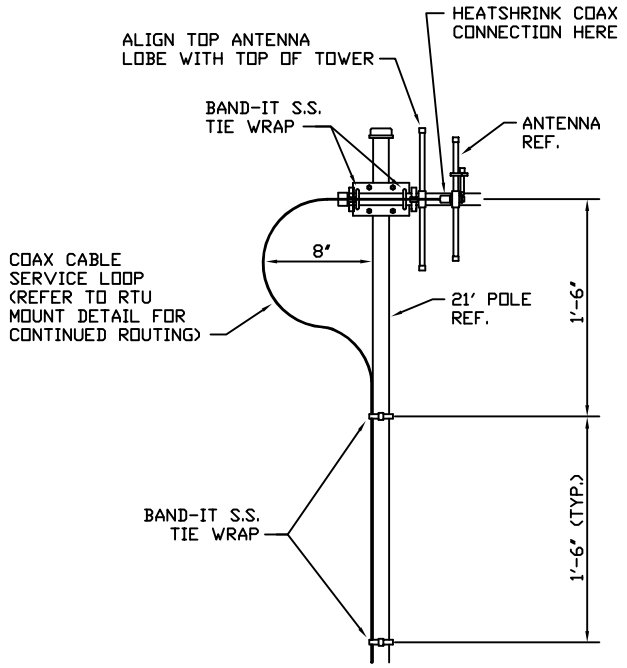


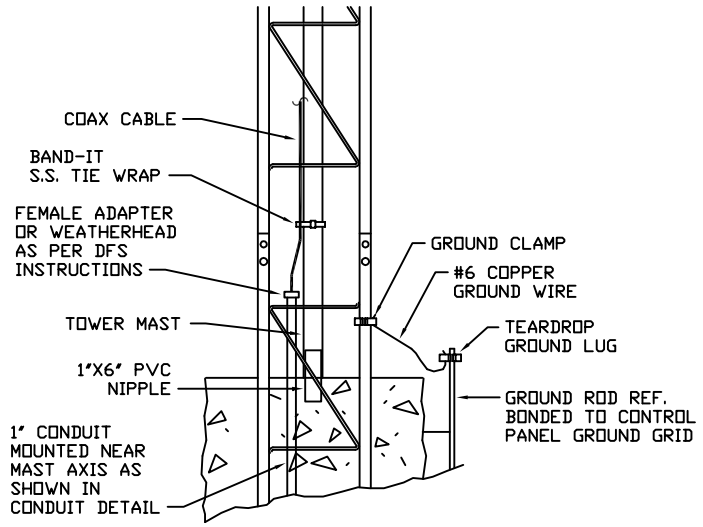
ANTENNA ELEVATION



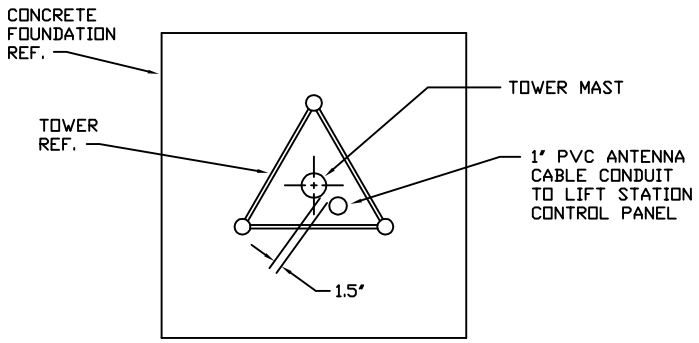
DETAIL #1
POLE SWIVEL BOLT SIDE VIEW



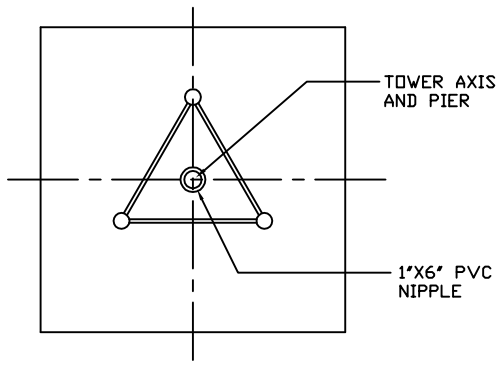
DETAIL #2
COAX MOUNTING & ROUTING



DETAIL #3
GROUNDING DETAIL



CONDUIT DETAIL
TOP VIEW



SECTION
A-A

STRUCTURAL DESIGN CODES
1. ASCE 7-02
2. ANSI/TIA/F/A-222-F-1996

NOTES:

1. THE FINAL ANTENNA TOWER REQUIREMENTS SHALL BE BASED ON DFS RADIO STUDY.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE TOWER LOCATION WITH THE OWNER/ENGINEER. TOWER PLACEMENT IS RECOMMENDED WITHIN 15' OF THE PUMP CONTROL PANEL. A 1" PVC CONDUIT IS REQUIRED FROM THE CONTROL PANEL TO THE ANTENNA TOWER WHEN RUNNING COAX CABLE UNDERGROUND. A FEMALE ADAPTER OR WEATHERHEAD IS REQUIRED ON THE TOWER SIDE OF THE CONDUIT. ALL REQUIRED CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR.
3. GROUNDING AND BONDING OF THE ANTENNA TOWER, TOWER GROUND ROD, PUMP CONTROL PANEL AND POWER UTILITIES GROUND ROD ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE GROUND LUGS AND TAPS FOR ALL LOCATIONS MUST BE BONDED TOGETHER USING A CONTINUOUS SINGLE 6 AWG SOLID BARE COPPER WIRE MINIMUM.

ISSUE CODE

CITY OF LAKE WALES
172 EAST CENTRAL AVE. LAKE WALES, FLORIDA 33859-3320

REV. NO.	CODE	LOCATION	DATE	NOTE:
REV. BY				1. The information on this map is provided by the department of UTILITIES. 2. The location of UTILITIES are to be located by a city employee. With a minimum 48 hour notice. 3. For more information call UTILITIES at 863-678-4189 or fax 863-678-4074

ISSUE CODE			
C BIDS	D CONSTRUCTION	A PRELIMINARY	B DESIGN / E APPROVAL

DESIGN: AND CHK'D BY:	SCALE: N.T.S.
	DATE: 9/1/07
DRAWN BY: JHH-34243	ENGR. APPR.

DRAWING TITLE
LIFT STATION DFS ANTENNA DETAILS

JOB NO.
WASTEWATER ANTENNA DETAILS

AREA: CITY-OF-LAKE-WALES | REV. 0